

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROPRIATE FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 251 AMENDMENT	568-860-10-53 -89	0 0

TASK TITLE: (NTE 80 characters; include Project name)

IRAC Instrument Delivery and Test

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE
Raymond Jungo <i>[Signature]</i>		3/30/00	568	568	301-286-2850
BRANCH HEAD		DATE	CODE	PHONE	
Frederick G. Huegel <i>[Signature]</i>		3/30/00	568	301-286-2285	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE	PHONE	
Robert S. Lebair, Jr. <i>[Signature]</i>		3/31/00	560	301-286-6588	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		See for L. Moore per telecon Larry Moore		Ron Kolecki	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date:

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☒ NO ☐ YES ☐ N/A

Government Furnished Property/Facilities: ☐ NO ☒ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL

If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 5/1/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 631,005.

The target fee of this task order is \$ 40,424.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 671,429.

The maximum fee is \$ 59,081.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER

DATE

STEVEN R. LLOYD
CONTRACTING OFFICER
TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	251	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

(This is a follow-on to Task 71 under this contract; uninterrupted transition is required.)

The contractor shall provide services for the integration, test and delivery of the IRAC instrument flight unit. Delivery, integration, test and verification shall occur at GSFC, Ball Aerospace, Boulder, CO and LMMS, Sunnyvale, CA. The contractor shall provide all services to integrate and test the IRAC instrument at the above mentioned facilities. The contractor shall be responsible for all development, assembly and test of one IRAC High Fidelity Instrument Simulator and one IRAC Cold Assembly Simulator. The contractor shall also provide hardware and software services for two additional IRAC instrument simulators located at LMMS in Sunnyvale, CA.

The following travel is anticipated to Ball Aerospace (dates are subject to change):

Purpose	Duration	Date	# of people
1. Ship IRAC to Ball Aerospace	5 days	May 4-19, 2000	6
2. Open/Shorts Test	4 days	May 16-19, 2000	3
3. Electrical I&T	6 days	Jun 5-12, 2000	4
4. TTACS Checkout	3 days	Jun 13-15, 2000	2
5. Pack and Ship WEA to LMMS	1 day	Aug 30, 2000	3
6. EMI/EMC Test	4 days	Aug 24-29, 2000	4
7. Cryostat Test Warm	2 days	Aug 4-7, 2000	3
8. Cryostat Test Cold	2 days	Aug 11-14, 2000	3
9. Reinstall WEA	1 day	Sep 6, 2000	3
10. TTACS Checkout	3 days	Oct 24-26, 2000	3
11. IRAC Functional	1 day	Nov 2, 2000	3
12. Optical Focus Test	1 day	Nov 7, 2000	3
13. Image Quality Test	2 days	Nov 9-10, 2000	3
14. Data Analysis	1 day	Nov 13, 2000	3
15. Image Quality Test #2	1 day	Nov 14, 2000	3
16. Data Analysis	1 day	Nov 15, 2000	3
17. Buy Off Test	1 day	Nov 22, 2000	3
18. FDS Short Form Test	2 days	Nov 23-24, 2000	3
19. Pack and Ship WEA	2 days	Dec 6-7, 2000	3
20. Load and Ship GSE	5 days	Dec 11-15, 2000	4

The following travel is anticipated to LMMS (dates are subject to change):

Purpose	Duration	Date	# of people
1. Simulator H/W and S/W Test	12 days	Jun 1 - Jul 17, 2000	3
2. Simulator & Flight H/W & S/W Test	15 days	Sep 1 - Oct 6, 2000	3
3. H/W and S/W Test	3 days	Jan 2-5, 2001	3
4. Receive and Unpack WEA	2 days	Sep 1-2, 2000	3
5. Pack & ship WEA back to Ball	2 days	Sep 6-7, 2000	3

PERFORMANCE SPECIFICATIONS:

Hardware shall meet the requirements of the IRAC Performance Verification Plan and SIRTf Observatory and Interface Control Document. Procedures and test report format per examples.

APPLICABLE DOCUMENTS:

IRAC Performance Verification Plan
SIRTf Observatory and Interface Control Document

TASK END DATE: 3/31/01

MILESTONES/DELIVERABLES AND DATES:

Deliver all flight hardware	7/15/00
Complete all integration procedures	5/4/00
Complete IRAC Cold Assembly Simulator	7/15/00
Provide all IRAC verification test reports	6/15/00
Complete IRAC High Fidelity Instrument Simulator	7/15/00
Complete all flight hardware test, simulator test and technical st	3/31/01

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above deliverables/milestones
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Raymond Jungo, building 5, room W076D